

PCTWORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

| | | |
|---|-----------|---|
| (51) International Patent Classification ⁵ : C12Q 1/68, C07K 15/00 | A2 | (11) International Publication Number: WO 93/16196 (43) International Publication Date: 19 August 1993 (19.08.93) |
| (21) International Application Number: PCT/CA93/00068 (22) International Filing Date: 18 February 1993 (18.02.93) (30) Priority data: 07/837,405 18 February 1992 (18.02.92) US (60) Parent Application or Grant (63) Related by Continuation US 07/837,405 (CIP) Filed on 18 February 1992 (18.02.92) (71)(72) Applicants and Inventors: KORNELUK, Robert, G. [CA/CA]; 1901 Tweed Avenue, Ottawa, Ontario K1G 2L8 (CA). MAHADEVAN, Mani, S. [CA/CA]; 37 Conover Street, Nepean, Ontario K2G 4C3 (CA). | | (74) Agent: SIM & McBURNEY; 330 University Avenue, Toronto, Ontario M5G 1R7 (CA). (81) Designated States: AT, AU, BB, BG, BR, CA, CH, CZ, DE, DK, ES, FI, GB, HU, JP, KP, KR, LK, LU, MG, MN, MW, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SK, UA, US, European patent (AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, SN, TD, TG). Published <i>Without international search report and to be republished upon receipt of that report.</i> |
| (54) Title: MYOTONIC DYSTROPHY (57) Abstract Diagnostics and procedures are provided for detecting myotonic dystrophy in humans. The diagnostics and procedures are based on the detection of a CTG trinucleotide repeat in a variable length polymorphism of the myotonic dystrophy gene derived from the region of human chromosome 19q13 containing the myotonic dystrophy locus. | | |